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**U.S. DEPARTMENT OF LABOR**  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

Grade 3

## SECTION I

DMS1908

MANUFACTURER'S NAME Turco Products, Inc.		EMERGENCY TELEPHONE NO. (213) 634-3300
ADDRESS (Number, Street, City, State, and ZIP Code) 24600 South Main Street, Carson, Ca 90749		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS Turco Fluro-chek WP-100 Penetrant-MD
CHEMICAL FAMILY	FORMULA	

SECTION II - HAZARDOUS INGREDIENTS  
HAZARDOUS MIXTURES OF LIQUIDS, SOLIDS, OR GASES

	C.A.S. NUMBER	DOT SPILL CAT.	EPA WASTE NUMBER	%	TLV UNITS
Aliphatic petroleum hydrocarbons	8002-05-9	Un- listed	Un- listed	65	350PPM

Other components not defined as hazardous by U.S. Dept. of Labor.

Carcinogens per OSHR, 5/3/73

None

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	Approx.	350°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.92
VAPOR PRESSURE (mm Hg.)	Less than	20mm	PERCENT, VOLATILE BY VOLUME (%)	76
VAPOR DENSITY (AIR=1)	More than	1	EVAPORATION RATE (Bu. Ac. = 1)	Less than 1
SOLUBILITY IN WATER	Moderate			
APPEARANCE AND ODOR	Clear Yellow-green liquid, petroleum odor			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	190°F C.O.C.	FLAMMABLE LIMITS	Lower	Upper
		Unknown		
EXTINGUISHING MEDIA	Carbon dioxide, chemical foam			
SPECIAL FIRE FIGHTING PROCEDURES	as for petroleum fire.			
UNUSUAL FIRE AND EXPLOSION HAZARDS	None			

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## SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

See Section II

EFFECTS OF OVEREXPOSURE Eyes: Moderate irritation, redness, tearing. Skin: Moderate irritation, drying. Inhalation: Moderate irritation if mist inhaled. Ingestion: Damage to throat and esophagus.

EMERGENCY AND FIRST AID PROCEDURES

Skin &amp; eyes: Flush with water, if irritation persists, call a doctor.

Ingestion: Do Not induce vomiting. Call a physician. Inhalation:

remove to fresh air, if breathing is difficult, administer oxygen.

Obtain medical attention.

## SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY (Materials to avoid)			
Avoid strong oxidizers			
HAZARDOUS DECOMPOSITION PRODUCTS			
Carbon dioxide			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

## SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Dam up with sandbags or soak up on absorbent materials. Pump or sweep into sealable containers.

WASTE DISPOSAL METHOD

Incinerate or dispose in approved landfill in accordance with applicable Federal, State or Local regulations.

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type) Respirator with organic vapor canister if vapor concentration is over TLV.

VENTILATION	LOCAL EXHAUST	X	SPECIAL
	MECHANICAL (General)		OTHER
PROTECTIVE GLOVES		EYE PROTECTION	
		Chemical goggles	
OTHER PROTECTIVE EQUIPMENT			

## SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in closed containers at a temperature between 30°F and 120°F

OTHER PRECAUTIONS